

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 2, 5-12, and 15-18 in accordance with the following:

1. (CURRENTLY AMENDED) A method ~~for driving a plasma display panel, which comprises a display screen and an impedance conversion circuit, by applying an increasing voltage to cells of a display screen during a reset period for equalizing charge of the cells,~~ the method comprising the steps of:

supplying ~~the an~~ increasing voltage signal to ~~an the~~ impedance conversion circuit in which an output impedance is lower than an input impedance; and

supplying ~~an output a~~ signal corresponding to the increasing voltage signal outputted by of the impedance conversion circuit to the cells of the display screen during a reset period to equalize charges of the cells.

2. (CURRENTLY AMENDED) A display driving device ~~for applying an increasing voltage for equalizing to equalize charges~~ of cells of a display screen to a plasma display panel, the device comprising:

a waveform generation circuit, ~~including comprising~~ a capacitance element and a constant-current source, ~~the circuit supplying current to the capacitance element when a control signal is active so as to generate an increasing voltage waveform;~~

an impedance conversion circuit ~~for reducing an output impedance of the waveform generation circuit; and~~

a switch circuit ~~for connecting an input terminal of the impedance conversion circuit to an output terminal of the impedance conversion circuit when the control signal is not active.~~

3. (PREVIOUSLY PRESENTED) The display driving device according to claim 2, wherein the impedance conversion circuit includes a plurality of transistors in Darlington connection.

4. (PREVIOUSLY PRESENTED) The display driving device according to claim 2, wherein the impedance conversion circuit includes a voltage control type transistor.

5. (CURRENTLY AMENDED) The display driving device according to claim 2, wherein a diode for preventing a backflow is disposed between the capacitance element and the constant-current source.

6. (CURRENTLY AMENDED) The display driving device according to claim 2, wherein further comprising:  
a resistor is disposed between the capacitance element and the constant-current source.

7. (CURRENTLY AMENDED) The display driving device according to claim 2, wherein the control signal is supplied to the constant-current source via a ~~cramp~~clamp circuit ~~for converting to convert~~ the control signal to a signal with respect to a power source potential as a reference of displacement.

8. (CURRENTLY AMENDED) The display driving device according to claim 2, wherein further comprising:  
a resistor ~~for determining~~ an output current value of the constant-current source, wherein the resistor is a variable resistor.

9. (CURRENTLY AMENDED) A display driving device applying an increasing voltage to equalize charges of cells of a display screen to a plasma display panel, the device comprising:

a waveform generation circuit, comprising a capacitance element and a constant-current source, supplying current to the capacitance element when a control signal is active so as to generate an increasing voltage waveform;

an impedance conversion circuit reducing an output impedance of the waveform generation circuit; and

a switch circuit connecting an input terminal of the impedance conversion circuit to an output terminal of the impedance conversion circuit when the control signal is not active. ~~The display driving device according to claim 2, wherein the switch circuit includes~~ comprises a switching driver ~~including~~ comprising a pulse transformer and a switching element that is

turned on or off by the switching driver, and the primary side of the pulse transformer is supplied with a pulse train modulated by the control signal, while the switching element is controlled by a signal that is a result of rectifying the secondary output of the pulse transformer in full wave.

10. (CURRENTLY AMENDED) The display driving device according to claim 2, further comprising:

a pair of the waveform generation circuits, a pair of the impedance conversion circuits and a pair of the switch circuits, wherein each of the pair circuits constitutes a complementary symmetric circuit including semiconductor elements having different polarities for applying a first increasing voltage having the positive gradient and a second increasing voltage having the negative gradient to the plasma display panel.

11. (CURRENTLY AMENDED) A display driving device ~~for applying an increasing voltage for equalizing to~~ equalize charges of cells of a display screen to a plasma display panel, the device comprising:

a waveform generation circuit, comprising ~~including~~ a capacitance element and a constant-current source, ~~the circuit supplying current to the capacitance element when a control signal is active so as to generate an increasing voltage waveform;~~

an impedance conversion circuit ~~for reducing an output impedance of the waveform generation circuit;~~ and

a switch circuit ~~for disconnecting an output of the waveform generation circuit from an input of the impedance conversion circuit so as to turn off the impedance conversion circuit when the control signal is not active.~~

12. (CURRENTLY AMENDED) The display driving device according to claim 11, wherein the impedance conversion circuit comprises a resistor ~~for connecting an input terminal of the impedance conversion circuit to an output terminal of the impedance conversion circuit.~~

13. (PREVIOUSLY PRESENTED) The display driving device according to claim 11, wherein the impedance conversion circuit includes a plurality of transistors in Darlington connection.

14. (PREVIOUSLY PRESENTED) The display driving device according to claim 11, wherein the impedance conversion circuit includes a voltage control type transistor.

15. (CURRENTLY AMENDED) The display driving device according to claim 11, wherein a diode for preventing a backflow is disposed between the switch circuit and the input terminal of the impedance conversion circuit.

16. (CURRENTLY AMENDED) The display driving device according to claim 11, wherein the control signal is supplied to the constant-current source via a ~~sample~~clamp circuit ~~for converting to convert~~ the control signal to a signal with respect to a power source potential as a reference of displacement.

17. (CURRENTLY AMENDED) The display driving device according to claim 11, ~~wherein further comprising:~~

a resistor ~~for determining~~ an output current value of the constant-current source, wherein the resistor is a variable resistor.

18. (CURRENTLY AMENDED) The display driving device according to claim 11, further comprising:

a pair of the waveform generation circuits, a pair of the impedance conversion circuits and a pair of the switch circuits, wherein each of the pair circuits constitutes a complementary symmetric circuit including semiconductor elements having different polarities for applying a first increasing voltage having the positive gradient and a second increasing voltage having the negative gradient to the plasma display panel.